

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

15X 9.75 2.4 E ✓

P 112

see P 111

Locate well on plat of section.

1. Location: State New York County Rutland
Nearest P. O. _____ Direction from P. O. _____
Distance from P. O. _____ miles; _____ 1/4 sec. _____ T. _____ R. _____
If in city, give street and number Town of Philipstown

2. Owner: _____ Address Rt 90 Garrison, N.Y.

Driller: Paul F. Beal & Sons Address Esopus, N.Y.

3. Situation: Is well on upland, in valley, or on hillside? upland terrace on hillside

4. Elevation of top of well: 15 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

5. Type of well: drilled; kind of drilling rig used _____
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 167 ft.; year in which well was finished 1944

Does well enter rock? yes; if so, at what depth? 16 ft.; kind of rock Beal (June 6)

7. Diameter: At top 6 inches; at bottom 6 inches.

8. Principal water bed: grants
Depth to principal water bed 160 ft.; thickness of bed _____ ft.
(Gravel, sand, clay, or rock. If rock, state kind)

If other water supplies were found, give depth to each a few trunks in way down

9. Casings: Kind steel; size 6"; length 22 ft.; between depths of 0 and 22 ft.

Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Packers (if any): Depth at which packers were used _____; kind _____

Screen or Strainer: Was well finished with screen? _____; kind of screen _____;

length of screen _____ ft.; diameter _____ inches; size of openings _____

10. Head: Does well at present overflow without pumping? no; did it overflow when new? no;

if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;

original pressure or head _____; if not flowing, give water level in well 35? ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Deepwell Turbine;

size or capacity of pump _____; kind of power _____

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;

well has been pumped at 45 gallons per minute continuously for _____ hours;

quantity of water ordinarily obtained from well 2500 gallons per day.

13. Use: For what purpose is the water used? Domestic - Home for Ag. 50 people

14. Quality of the water: Saline; is there an analysis? yes (over)

(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: _____ Temperature of water _____ ° F.

Name of person filling blank L. Page & J. Grossman for Beal

Date 5-5-50 Address 5508 at Albany

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above

4 Charlie Anderson 10-20-50

Driller's LOG OF WELL *from memory*

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
This pump reported to have been test pumped at 45 gpm and a large capacity deepwell pump was installed - well at present will not supply pump and this well is supplemented by an older well on the property.				
See Plot P 1119 2003				
Drilled well	6-10-41			
Total hardness	9.5			
Alk A	59			
Cl ₂	11			
Cl	7			
SO ₃	34			
Fe	0.9			
Turbidity	5			
Color	15			
PH	7.0			
Total Compensated hardness	6			
	Driller's LOG (Charlie Anderson; from memory)			
	LOG			
Test pumped 8 hrs. at 45 GPM. went by the 100 ft. of down				
Hardpan - no banders	0	18	18	
Gravel	18	22	4	
Gray granite	22	167	145	
				water within bottom 10 ft. a few trickles higher up.